Places to find it

Diagnostic

- **Elastic Arteries Conducting**
  - Aorta, brachiocephalic, subclavian, common carotid, iliac, pulmonary arteries
  - Fx: Maintain BP during diastole
  - 40-70 elastic sheets in tunica media
- **Muscular Arteries Distributing**
  - Brachial, radial, ulnar, tibial, femoral
  - Fx: regulate flow to dif regions of body
  - Prominent scalloped IEL Tunica Intima
  - 5-20 Layers Smooth Muscle
- **Arteriole**
  - All over
  - Fx: Regulate flow into capillary bed
  - 1-3 layers smooth musle
- **Capillaries**
  - Terminal Arteriole
    - Central Channel
      Metarteriole (SMC) -> thoroughfare channel
    - Arteriovenous shunt (SMC) → Apical Skin: Finger and toe tips, nail beds, nose, lips
  - Continuous → Muscle, CT proper, gut
  - Fenestrated → Endocrine glands, intestinal villi, exocrine pancreas, renal glomeruli → Diaphragm protein structure (Not kidney)
  - Discontinuous (basal lamina and endothelium) → Spleen, liver, bone marrow, lymphnodes → No tight junctions
  - Greater Concentration in Myocardium, Brain, Skin
  - No tunica media
- **Venules**
  - All over
  - Collect blood from capillary beds
  - No tunica media, larger vs arteriole
  - Preferred exit for WBC
- **Medium Sized Veins**
  - Brachial, Radial, Ulnar, Tibial Veins
  - Valves → Protrusions of intima into vessel lumen → Varicose Veins
  - No IEL, No EEL, Few circularly oriented SMC in Tunica Media
- **Large Veins**
  - IVC, SVC, Hepatic Portal Vein, Brachiocephalic, Pulmonary, Internal Jugular, Common iliac Veins
  - Lontitudinally-oriented SMC